

### AUTHOR INDEX VOLUME 30 (1988)

(The issue number is given in front of the page numbers)

**Abadie, J. and Dekhli, F.**, A variant of the CESTAC method and its application to constrained optimization (6) 519-529  
**Adomian, G.**, An adaptation of the decomposition method for asymptotic solutions (4) 325-329  
**Adomian, G., Rach, R. and Elrod, M.**, The decomposition method applied to stiff systems (3) 271-276  
**Alaylioglu, A.**, A finite element code for thin plate dynamics (5) 429-440  
**Alliot, N.**, Data error analysis in unconstrained optimization problems with the CESTAC method (6) 531-539  
**Alt, R.**, Floating-point error propagation in iterative methods (6) 505-517  
**Ames, W.F. and Brezinski, C.**, Book Reviews (1,2) 195-201  
**Ames, W.F. and Brezinski, C.**, Book Reviews (3) 277-284  
**Ames, W.F. and Brezinski, C.**, Book Reviews (4) 371-377  
**Ames, W.F. and Brezinski, C.**, Book Reviews (5) 465-467  
**Ames, W.F. and Brezinski, C.**, Book Reviews (6) 563-568  
**Azadivar, F. and Lee, Y.-H.**, Optimization of discrete variable stochastic systems by computer simulation (4) 331-345  
  
**Bainbridge, S.J.**, *see* Green, D.G. (1,2) 39-44  
**Bainbridge, S.J.**, *see* Reichelt, R.E. (1,2) 145-150  
**Baldwin, R.L.**, *see* Bywater, A.C. (1,2) 165-174  
**Barrett, J.E. and Phillips F.G.**, A model of the circadian rhythm of deep body temperature (1,2) 151-158  
**Beer, T.**, Applied environmentics: Simulation applied to the physical environment (1,2) 133-138  
**Benyon, P.R.**, Presenting models in plain English (1,2) 17-25  
**Blair, G.J.**, *see* McCaskill, M.R. (1,2) 159-164  
**Bradbury, R.H.**, *see* Green, D.G. (1,2) 39-44  
**Brezinski, C.**, *see* Ames, W.F. (1,2) 195-201  
**Brezinski, C.**, *see* Ames, W.F. (3) 277-284  
**Brezinski, C.**, *see* Ames, W.F. (4) 371-377  
**Brezinski, C.**, *see* Ames, W.F. (5) 465-467  
**Brezinski, C.**, *see* Ames, W.F. (6) 563-568  
**Brooker, P.I.**, Changes in dispersion variance consequent upon inaccurately modelled semi-variograms (1,2) 11-16  
**Buck, R.G.**, *see* Green, D.G. (1,2) 33-38  
**Bywater, A.C., Oltjen, J.W., Baldwin, R.L. and St.-Pierre, N.R.**, Modelling animal growth (1,2) 165-174  
  
**Carotenuto, L., Muraca, P. and Raiconi, G.**, Observation strategy for a parallel connection of discrete-time linear systems (5) 389-403  
**Clement, T. and Gentil, S.**, Reformulation of parameter identification with unknown-but-bounded errors (3) 257-270

**Dekhli, F.**, *see Abadie, J.* (6) 519–529

**Diggle, A.J.**, Rootmap: A root growth model (1,2) 175–180

**Dolman, G.S.**, Simulating sediment deposition to establish a chronology for an urban lake (1,2) 139–144

**Doukas, L.**, Integrated environmental control model for coal-to-electricity power plants (1,2) 45–53

**Elrod, M.**, *see Adomian, G.* (3) 271–276

**Feteris, S.M.** and **Sitnai, O.**, Simulation of pyrolysis in oil shale particles (1,2) 93–98

**Fisher, I.H.** and **Ring, P.J.**, Structuring rainfall-landuse-runoff models for a large catchment in N.S.W. (1,2) 111–117

**Frederiksen, C.S.** and **Frederiksen, J.S.**, Simulation and models of the role of topographic instability in the formation of atmospheric teleconnection patterns (1,2) 105–110

**Frederiksen, J.S.**, *see Frederiksen, C.S.* (1,2) 105–110

**Galanis, S.**, **Hadjidimos, A.** and **Noutsos, D.**, On the equivalence of the  $k$ -step iterative Euler methods and successive overrelaxation (SOR) methods for  $k$ -cyclic matrices (3) 213–230

**Gentil, S.**, *see Clement, T.* (3) 257–270

**Gilmore, D.B.**, *see Vint, M.K.* (1,2) 55–61

**Green, D.G.**, *see Reichelt, R.E.* (1,2) 145–150

**Green, D.G.**, **Bradbury, R.H.** and **Brainbridge, S.J.**, Embodiment of formal languages (1,2) 39–44

**Green, D.G.**, **Reichelt, R.E.** and **Buck, R.G.**, Self-adaptive modelling algorithms (1,2) 33–38

**Hadjidimos, A.**, *see Galanis, S.* (3) 213–230

**Haritos, N.**, The excitation of cable-stayed masts by turbulent wind (1,2) 81–86

**Haritos, N.**, Monte Carlo simulation of ocean beacon response to environmental loading (1,2) 87–92

**Ho, Y.-C.**, **Li, S.** and **Vakili, P.**, On the efficient generation of discrete event sample paths under different system parameter values (4) 347–370

**Hulskamp, J.**, Introduction to Special Issue on “Simulation Society of Australia 1987 Conference” (1,2) 1–2

**Jakeman, A.J.** *see Jun, B.* (1,2) 3–9

**Jun, B.**, **Jakeman, A.J.** and **Taylor, J.A.**, Statistical distribution modelling: Function, methods and application to air quality management (1,2) 3–9

**Kobayashi, Y.**, *see Ohkita, M.* (5) 419–428

**Korzeniowski, K.**, Simulation methods in current transformer investigation and design (1,2) 75–80

**Lau, H.T.**, On solving systems of nonlinear equations by simulation (3) 253–256

**Lee, Y.-H.**, *see Azadivar, F.* (4) 331–345

**Li, S.**, *see Ho, Y.-C.* (4) 347–370

**Marcos, B.** and **Payre, G.**, Parameters estimation of an aquatic biological system by the adjoint method (5) 405–418

**McCall, D.G.** and **Townsley, R.J.**, A use of calibration in the development of simulation models (1,2) 27–32

**McCaskill, M.R.** and **Blair, G.J.**, Medium-term climatic variation on the Northern Tablelands of N.S.W. (1,2) 159–164

**McKeon, G.M.**, *see Rickert, K.G.* (1,2) 189–194

**Miller, M.**, see **Vucetic, B.** (1,2) 69– 73  
**Muraca, P.**, see **Carotenuto, L.** (5) 389–403

**Nicolas, J.**, see **Vucetic, B.** (1,2) 63– 68  
**Noutsos, D.**, see **Galanis, S.** (3) 213–230

**Ohkita, M.** and **Kobayashi, Y.**, An application of rationalized Haar functions to solution of linear partial differential equations (5) 419–428  
**Oltjen, J.W.**, see **Bywater, A.C.** (1,2) 165–174

**Ong, K.L.** and **Taaffe, R.**, Approximating nonstationary  $\text{Ph}(t)/\text{Ph}(t)/1/c$  queueing systems (5) 441–452

**Papatheodorou, T.S.**, Tridiagonal  $C^1$ -collocation (4) 299–309  
**Papatheodorou, T.S.**,  $C^1$ -collocation semidiscretization of  $u_t + cu_x = 0$ : Its Fourier analysis and equivalence to the Galerkin method with linear splines (4) 311–323  
**Payre G.** see **Marcos, B.** (5) 405–418

**Phillips, F.G.**, see **Barrett, J.E.** (1,2) 151–158

**Pichat, M.**, All possible computed results in correct floating-point summation (6) 541–552

**Rach, R.**, see **Adomian, G.** (3) 271–276  
**Raiconi, G.**, see **Carotenuto, L.** (5) 389–403  
**Rajaraman, V.**, see **Siva Ram Murthy, C.** (5) 453–464  
**Reichelt, R.E.**, see **Green, D.G.** (1,2) 33– 38  
**Reichelt, R.E.**, **Bainbridge, S.J.** and **Green, D.G.**, A simulation study of Crown of Thorns starfish outbreaks on the Great Barrier Reef (1,2) 145–150  
**Retnam, M.T.P.** and **Williams B.J.**, Input errors in rainfall-runoff modelling (1,2) 119–131  
**Rickert, K.G.** and **McKeon, G.M.**, Computer models of forage management on beef cattle farms (1,2) 189–194

**Riganti, R.**, Evolution of the  $n$ th probability density and entropy function in stochastic systems (3) 231–242  
**Ring, P.J.**, see **Fisher, I.H.** (1,2) 111–117

**Simmonds, I.** and **Trigg, G.**, Global circulation and precipitation changes induced by sea surface temperature anomalies to the north of Australia in a general circulation model (1,2) 99–104  
**Sitnai, O.**, see **Feteris, S.M.** (1,2) 93– 98

**Siva Ram Murthy, C.** and **Rajaraman, V.**, A multiprocessor architecture for solving nonlinear partial differential equations (5) 453–464  
**Skellern, D.**, see **Vucetic, B.** (1,2) 63– 68  
**Skellern, D.**, see **Vucetic, B.** (1,2) 69– 73  
**St.-Pierre, N.R.**, see **Bywater, A.C.** (1,2) 165–174  
**Sun, W.**, see **Zamani, N.G.** (3) 243–251

**Taaffe, M.R.**, see **Ong, K.L.** (5) 441–452  
**Taylor, J.A.**, see **Jun, B.** (1,2) 3– 9  
**Ton-That, L.**, Numerical accuracy control in fixed-point arithmetic (6) 553–561  
**Toutounian, F.**, Practical methods for evaluating the accuracy of the eigenelements of a symmetric matrix (6) 493–504  
**Townsley, R.J.**, see **McCall, D.G.** (1,2) 27– 32  
**Trigg, G.**, see **Simmonds, I.** (1,2) 99–104

**Vakili, P.**, *see Ho, Y.-C.* (4) 347–370

**Vignes, J.**, Editorial to Special Issue on “Stochastic Methods in Round-off Error Analysis” (6) 479

**Vignes, J.**, Review on stochastic approach to round-off error analysis and its applications (6) 481–491

**Vint, M.K. and Gilmore, D.B.**, Simulation of transit bus regenerative braking systems (1,2) 55– 61

**Vucetic, B., Nicolas, J. and Skellern, D.**, Performance study of coding on satellite channels by simulation (1,2) 63– 68

**Vucetic, B., Skellern, D., Miller, M. and Zhang, L.**, Modelling and simulation of M-QAM digital radio systems (1,2) 69– 73

**Williams, B.J.**, *see Retnam, M.T.P.* (1,2) 119–131

**Wilson, S.G.**, Simulation of thermal and moisture boundary-layers during aeration of cereal grain (1,2) 181–188

**Zamani, N.G. and Sun, W.**, Collocation finite element solution of a compressible flow (3) 243–251

